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SCIENTIFIC SESSIONS AND CONFERENCES OF THE ACADEMY OF
SCIENCES LATVIAN SSR IN 1959

by J. Magone

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FOREWORD

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SCIENTIFIC SESSIONS AND CONFERENCES OF THE ACADEMY OF
SCIENCES LATVIAN SSR IN 1959

Following is a translation of an article by J. Magone
in the Latvian-language periodical Latvijas PSR Zinatnu
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SSR/ No 2, 1960, Riga, pages 203-206.

Sessions and Conferences on an All-Academy Level

1. On 5 January, a scientific conference was held in Riga by the Academy of Sciences and the Institute of Party History under the Central Committee of the Communist Party of Latvia, in honor of the 40th Anniversary of the First All-Latvian Soviet Congress.
2. From 27 to 29 January, a regional scientific conference was held in Riga by the A. M. Gor'kiy World Literature Institute of the Academy of Sciences USSR and the Institute of Language and Literature of the Academy of Sciences Latvian SSR, concerning questions of mutual relations between literatures. Scientific associates and instructors of the Russian Literature Institute of the Academy of Sciences USSR, and of universities and literature institutes of the Academies of Sciences of the Baltic republics and other fraternal republics took part in the work of the conference.
3. On 9 and 10 July, a scientific conference was held in Riga by the All-Union Scientific Council established under the Academy of Sciences Latvian SSR, concerning the problem of the effective utilization of raw materials containing pentosans.
4. From 6 to 8 October, the first Baltic conference on welding took place in Riga. The conference was attended by scientists of the Electric Welding Institute imeni E. O. Paton of the Academy of Sciences Ukrainian SSR, scientists of the Academy of Sciences Latvian SSR, and over 200 representatives from scientific-technical committees and sovmarkhozes of the Baltic republics.
5. On 23 November, an official meeting was held in Riga by the Academy of Sciences and by scientific and cultural institutions and organizations of other republics, dedicated to the 150th anniversary of the birth of Charles Darwin and the 100th anniversary since the publication of his noted work, "Origin of Species."
6. From 10 to 12 December, a scientific conference was held in Riga by the All-Union Scientific Council established under the Academy of Sciences Latvian SSR, concerning the production of furfural and its use in the chemical industry.

TECHNICAL SCIENCES

Institute of Power and Electrical Engineering

7. On 2 March, a scientific coordinating conference was held in Riga, regarding the problem of fuel balance in the northwest regions of the USSR.

8. On 26 May, a scientific conference took place in Riga on questions of electric machine commutators on a plastic core.

9. On 28 May, a scientific conference was held in Riga, jointly with the Scientific-Technical Committee of the Council of Ministers Latvian SSR, concerning the automation of central heating systems.

10. On 12 June, an All-Union scientific coordinating conference took place in Riga, concerning problems of electric current supply for transport means.

Institute of Machine Science

11. From 17 to 19 September, an inter-republic scientific conference was held in Riga, jointly with the Riga Polytechnical Institute, concerning the problem of elastic fluctuations of mechanical systems. The conference was attended by scientists of Moscow, Leningrad, and seven other USSR cities.

12. From 24 to 28 November, an inter-republic scientific conference was held in Riga on the theory of dry friction. The conference was attended by scientific workers of five USSR cities.

Institute of Physics

13. In June a scientific conference was held in Riga regarding the construction of radioactive installations.

14. From 26 June to 3 July, the Institute of Physics of the Academy of Sciences organized a scientific conference in Riga on an all-Union scale, on the subject of collisions of electrons and atoms. The conference was attended by scientists of Moscow, Leningrad, Kiev, Tashkent, L'vov, Tomsk, Tbilisi, and other USSR cities.

Institute of Construction and Architecture

15. On 20 April, a scientific conference was held in Riga, devoted to questions of the production of slag (cinder) blocks and slag-silicate blocks.

16. On 22 and 23 November, a scientific conference took place in Riga for an exchange of experiences among scientific workers of the Baltic Soviet republics in the field of research on concrete and reinforced concrete.

Laboratory of Astrophysics

17. From 22 to 24 June, a scientific visiting session was held in Riga jointly by the Astronomy Council of the Academy of Sciences USSR and the Astrophysics Laboratory of the Academy of Sciences Latvian SSR, on problems of stellar astronomy, radio astronomy, and time service.

18. From 22 to 25 October, an inter-republic scientific conference was held in Riga by the Interdepartmental Committee of the IGY under the Presidium of the Academy of Sciences USSR, the Riga Branch of the All-Union Astronomy and Geodesy Society, and the Astrophysics Laboratory of the Academy of Sciences Latvian SSR. The conference was on the subject of noctilucent clouds, in connection with the conclusion of the IGY.

CHIMICAL AND GEOLOGICAL SCIENCES

Institute of Forestry Problems and Wood Chemistry On Questions of Wood Chemistry and Technology

19. A scientific-technical conference was held in Riga regarding the production of wooden titles and construction blocks from waste products of the timber industry. The conference was attended by representatives of sovmarkhozes from several fraternal republics, including representatives of the Sovmarkhoz of the Latvian SSR.

20. From 7 to 10 October, a scientific conference was held in Riga; the subjects of the discussions, which were held jointly with the Scientific-Technical Society of Forestry and Timber Industry, were problems of research and utilization of natural polymers.

Institute of Organic Synthesis

21. On 6 and 7 January, a scientific conference was held in Riga jointly with the Ministry of Health Latvian SSR and the Riga Medical Institute, concerning questions of synthesis and research of new medical preparations.

22. On 13 January, a scientific visiting session took place in Liepaja on the same questions.

Institute of Geology and Useful Minerals

23. From 12 to 14 May a scientific conference was held in Riga jointly with the Institute of Mineralogy, Geochemistry and Crystallochemistry, Academy of Sciences USSR, regarding the formation of rare minerals on sandy seashores and the methods of extracting such minerals.

BIOLOGICAL SCIENCES

Institute of Biology

24. In February, a scientific visiting session was held in

Ventspils to discuss parasitic diseases of farm animals.

25. On 4 April, a scientific conference was held in Riga jointly with the Latvian Agricultural Scientific Research Institute, on the development of new forms and varieties of fruit trees and berry bushes by means of hybridization.

26. On 5 May, a scientific conference was held in Riga, jointly with the Latvian Branch of the All-Union Botanical Society, on questions of geobotanical mapping and regioning of the Latvian SSR.

27. On 4 and 5 June, a scientific visiting session was held in the Bauska Rayon, to discuss questions of plant protection.

Botanical Garden

28. In January, a conference was held in Riga to discuss the organization of expositions of arboretum and garden flora.

29. On 27 April, a scientific-technical conference of the Republic's horticulturists was held in Riga, with the participation of representatives of the Latvian Scientific Research Institute of Agriculture and of the Ministry of Municipal Economy Latvian SSR. The subject under discussion was the comparison of varieties of decorative plants.

Institute of Microbiology

30. In March, a scientific visiting session took place in Aluksne on questions of agricultural microbiology.

31. In June, a scientific visiting session was held in Smiltene, to discuss problems of virus diseases, their diagnosis, prophylaxis, and treatment.

32. In September, a scientific visiting session took place in Rezekne on the same subject.

33. On 20 November, a scientific visiting session took place in Kandava, on the importance of animal care and feeding in the struggle against infectious diseases. The session was held jointly with the Latvian Scientific Research Institute of Animal Husbandry and Veterinary Science.

Institute of Experimental Medicine

34. In April, a scientific visiting session was held in the Bulduri and Kemeru health resorts to discuss current questions of medical treatment in the health resorts of the republic.

35. and 36. In June and December, scientific visiting sessions were held in Rezekne and Daugavpils to discuss questions of the early diagnosis and treatment of malignant growths.

37. In September, a scientific visiting session took place in Liepaja on questions of a well-balanced diet for sick persons.

38. On 29 December, a scientific visiting session was held in

Dobele to discuss questions of surgical and other treatment of tuberculosis.

40. From 9 to 12 December, an inter-republic scientific conference took place on questions of diets for healthy and sick persons. The conference was attended by scientists of Moscow, Leningrad, the Baltic Soviet republics, and other fraternal republics.

41. On 29 December, a scientific visiting session was held in Jelgava on the physiological principles of modern therapeutics.

Institute of Forestry Problems and Wood Chemistry On Questions of Forestry

42. On 19 and 20 March, a scientific visiting session was held at the Riga Seashore Timber Industry Management, jointly with the Scientific-Technical Society of the Ministry of Forestry and Timber Industry, to discuss the organization of plantations of pine tree seedlings.

43. On 3 June a scientific conference took place in Riga regarding the possibilities of a natural regrowth of pine forests; the conference was held jointly with the Scientific-Technical Society of the Ministry of Forestry and Timber Industry.

44. On 9 and 10 September, a scientific visiting session was held at the Kuldiga Timber Industry Management on questions of the cultivation of forest clearings.

45. On 11 September, a scientific visiting conference was held at the Kuldiga Timber Industry Management on questions of work mechanization in forest culture.

46. On 14 October, a scientific visiting conference was held at the Incukalns Timber Industry Management regarding forest fertilization.

47. On 21 October, a scientific visiting conference was held at the Riga Timber Industry Management on questions of work mechanization in forest culture. The visiting conferences at the timber industry managements in Riga, Kuldiga and Incukalns were held jointly with the Scientific-Technical Society of the Ministry of Forestry and Timber Industry.

SOCIAL SCIENCES

Institute of History and Material Culture

48. and 49. In January and April, scientific visiting conferences were held in Liepaja and Saldus in honor of the 40th anniversary of the First All-Latvian Soviet Congress.

50. From 27 to 29 April, a scientific conference was held in Riga, which was devoted to the 1958 archeological findings and the ethnographic expedition on the territory of the Latvian SSR. The conference was held jointly with the Ministry of Culture Latvian SSR.

51. On 26 July, a scientific visiting session was held in Madona on the work of the ethnographic expedition and its results in the areas of Madona and Krustpils.

Institute of Economics

52. In January, a visiting conference was held in Kandava on questions of strengthening socialist laws.

53. In February, a visiting conference was held in Valmiera regarding the codification of civil legislation of the Latvian SSR.

54. On 25 May, an inter-republic scientific conference took place in Riga for the purpose of coordinating the scientific research work of the law sectors of institutes under the Latvian, Lithuanian and Estonian Academies of Sciences.

55. On 27 May, a visiting scientific-technical conference took place in Dagda to discuss questions of reducing the cost of products of cattle-raising and problems of economically lagging kolkhozes.

56. From 27 to 30 May, an inter-republic scientific conference was held in Riga on questions of legislative codifications in the Baltic Soviet republics.

57. On 10 June, a visiting conference was held in Daugavpils on questions of work payments and economic accounting in farms and brigades.

58. On 4 December, a conference took place in Riga to discuss the organization of research on the causes of crime.

59. On 21 December, a scientific-technical conference was held in Riga on the subject "Latest developments in the organization of bookkeeping discount in kolkhozes of the republic."

During 1959, a total of 59 scientific sessions, conferences and discussions, including 26 visiting sessions and conferences, were held within the system of the Academy of Sciences Latvian SSR.

In addition, several of the above mentioned institutes participated in scientific sessions, conferences and discussions which took place in cities of other Union republics.